ATTORNEY DOCKET NO 1457-CA (P280US)

U.S. 10/656,749

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

licant:

Trotter, et al.

Serial No.:

10/656,749

Filed:

September 5, 2003

Title:

DATA CONVERTERS WITH TERNARY PULSE WIDTH MODULATION

OUTPUT STAGES AND METHODS AND SYSTEMS USING THE SAME .

Confirm No.: 9065

Art Unit:

2819

Examiner:

John B. Nguyen

Box: Amendment

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Sirs:

AMENDMENT AND RESPONSE TO OFFICE ACTION

In response to the Official Action mailed March 5, 2004 (Paper No. 2), Applicants respectfully request that the Examiner reconsider the rejection of the claims in view of the following amendments thereto, and the comments set forth below.

Amendments to the Claims are reflected in the listing of claims, which begins on Page 2 of this paper.

Remarks / Arguments begin on Page 9 of this paper

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Add Leit	PTO/SB/21 (08-03) Approved for use through 08/30/2003. OMB 0651-0031 at and Trademark Office; U.S. DEPARTMENT OF COMMERCE on of information unless it displays a valid OMB control number. 10/656,749 09/05/2003 Brian David Trotter 2819 John B. Nguyen
Total Number of Pages in This Submission	3 Michiely Bocket Humber	1457-CA (P280US)
Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addres Terminal Disclaimer Request for Refund CD, Number of CD(s)	After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information
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Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

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Complete if Known					
Application Number	10/656,749				
Filing Date	September 5, 2003				
First Named Inventor	Brian David Trotter				
Examiner Name	John B. Nguyen				
Art Unit	2819				
Attorney Docket No.	1457-CA (P280US)				

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)	
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The Director is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination	4
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1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing	7
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	┪
SUBTOTAL (1) (\$)	1452 110 2452 55 Petition to revive - unavoidable	┨
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional	┨
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1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection	
1201 86 2201 43 Independent claims in excess of 3	(37 CFR 1.129(a))	┨
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))	4
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)	╝
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(Complete (if applicable)) SUBMITTED BY Registration No. Telephone 214.745.5374 34,503 James J. Murphy Name (Print/Type) - 2-04 Date Signature

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